**LISTING OF THE CLAIMS**

1. (currently amended) An array comprising a plurality of biological membrane microspots comprising G-protein coupled receptor stably associated with a surface of a glass substrate, ~~wherein~~ the surface of the substrate comprising ~~is adapted such that the microspots remain adsorbed when drawn through an air-water interface~~ a γ-aminopropyl-silane coating.

2. (currently amended) The array of claim 1, wherein the biological membrane microspots ~~comprise a membrane bound protein~~ retain their ability to bind to a ligand when stored in air.

3-6. (canceled)

7. (original) The array of claim 1, wherein the substrate is configured as a chip, a slide or a microplate.

8-9. (canceled)

10. (currently amended) The array of claim ~~9~~ 1 wherein the material confers a contact angle ranging from about 150 to 80°.

11-30. (canceled)

31. (original) The array of claim 1, wherein the surface is nano-porous.

32-51. (canceled)

52. (currently amended) An array comprising a plurality of biological membrane microspots comprising G-receptor protein associated with the surface of a substrate, said substrate comprising glass, wherein the surface of the substrate is coated with γ aminopropyl-silane

~~adapted~~ such that the array is capable of being ~~can be~~ produced, used, or stored in an environment exposed to air under ambient humidity.

53. (previously presented) The array of claim 52, wherein the biological membrane microspots retain their ability to bind to a ligand when stored in air.

54-59. (canceled)

60. (currently amended) The array of claim [54] 52, wherein the substrate is configured as a chip, a slide or a microplate.

61-62. (canceled)

63. (currently amended) The array of claim [62] 52, wherein the material confers a contact angle ranging from about 15° to 80°.

64-83. (canceled)

84. (currently amended) The array of claim [54] 52, wherein the surface is nano-porous.

85. (canceled)

86. (currently amended) An array comprising a plurality of biological membrane microspots stably associated with a surface of a glass substrate ~~exposed to air under ambient humidity~~, the membrane microspots having the ability to bind to a ligand after exposure to air under ambient humidity, wherein the surface is coated with γ-aminopropyl-silane and the biological membrane microspots comprise a G-protein coupled receptor.